



Facilities Committee

Billy Breedlove

Vice Chancellor - Facilities Planning & Construction

August 5-6, 2021



Approve naming of School of Veterinary Medicine –
Headquarters, Room E297 (Bank of America Executive
Conference Room).

Patrick Kramer



School of Veterinary Medicine – Headquarters

Item 1



School of Veterinary Medicine – Headquarters

Item 1

LEGEND

 Bank of America Executive Conference Room



Second Floor


NORTH



Item 1



Recommendation

- Approve naming the School of Veterinary Medicine - Headquarters, Room E297 the “Bank of America Executive Conference Room.”
- The donor concurs with the naming of this space.
- Appropriate interior signage for the space will specify the approved name.

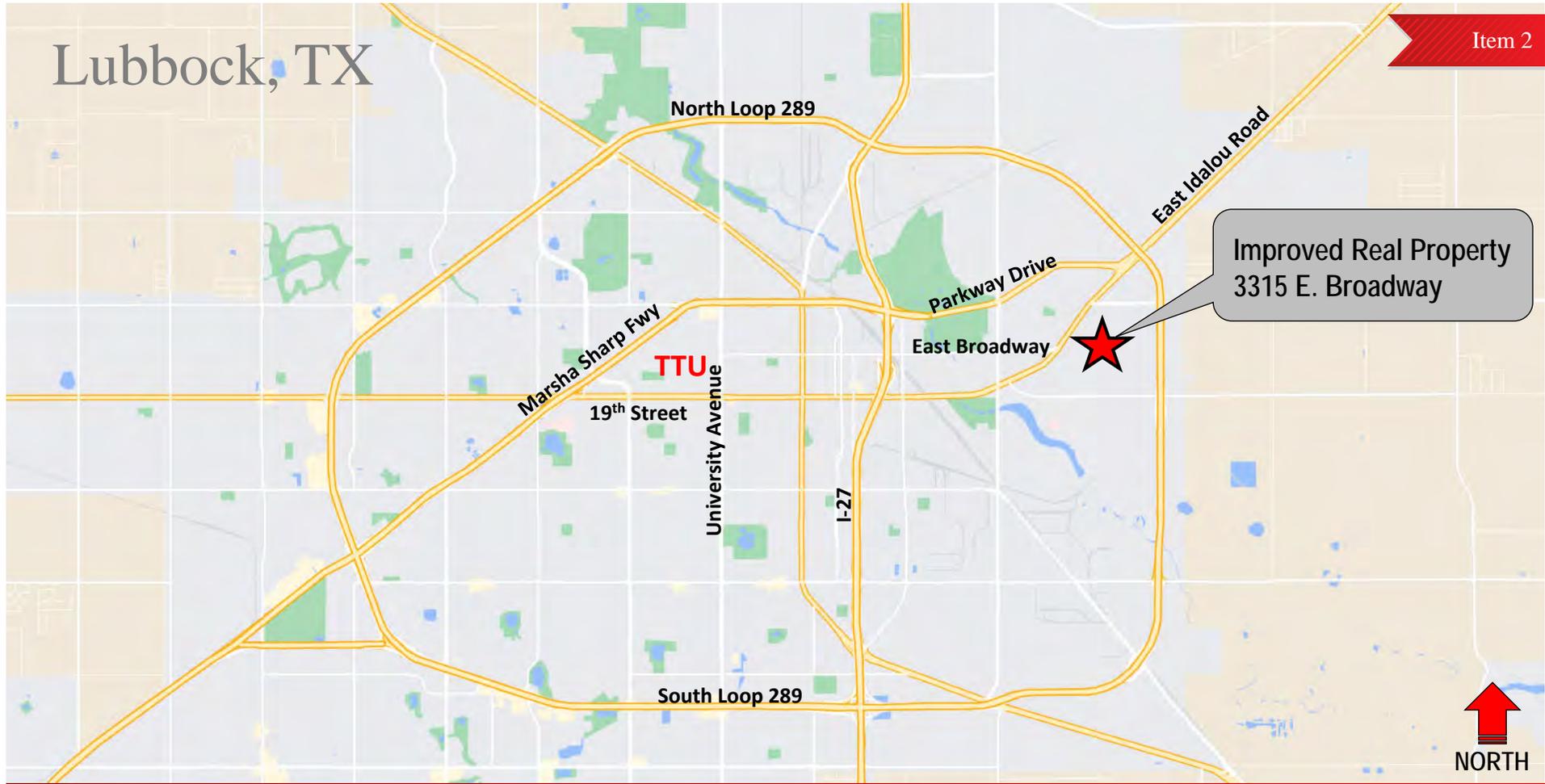


Approve acceptance of real property benefitting the College of Human Sciences' Early Head Start Facility.

Noel Sloan



Lubbock, TX



Improved Real Property
3315 E. Broadway



View Looking Northwest

Item 2



Classrooms



Exterior Playground Areas



Recommendation

- Approve acceptance of improved real property located at 3315 East Broadway from StarCare Specialty Health System, and to execute any contracts associated with the transfer of the property.
- The value of the property is estimated to be approximately \$1,700,000.
- TTU will receive the furniture, fixtures, and equipment associated with the facility.



Texas Tech University

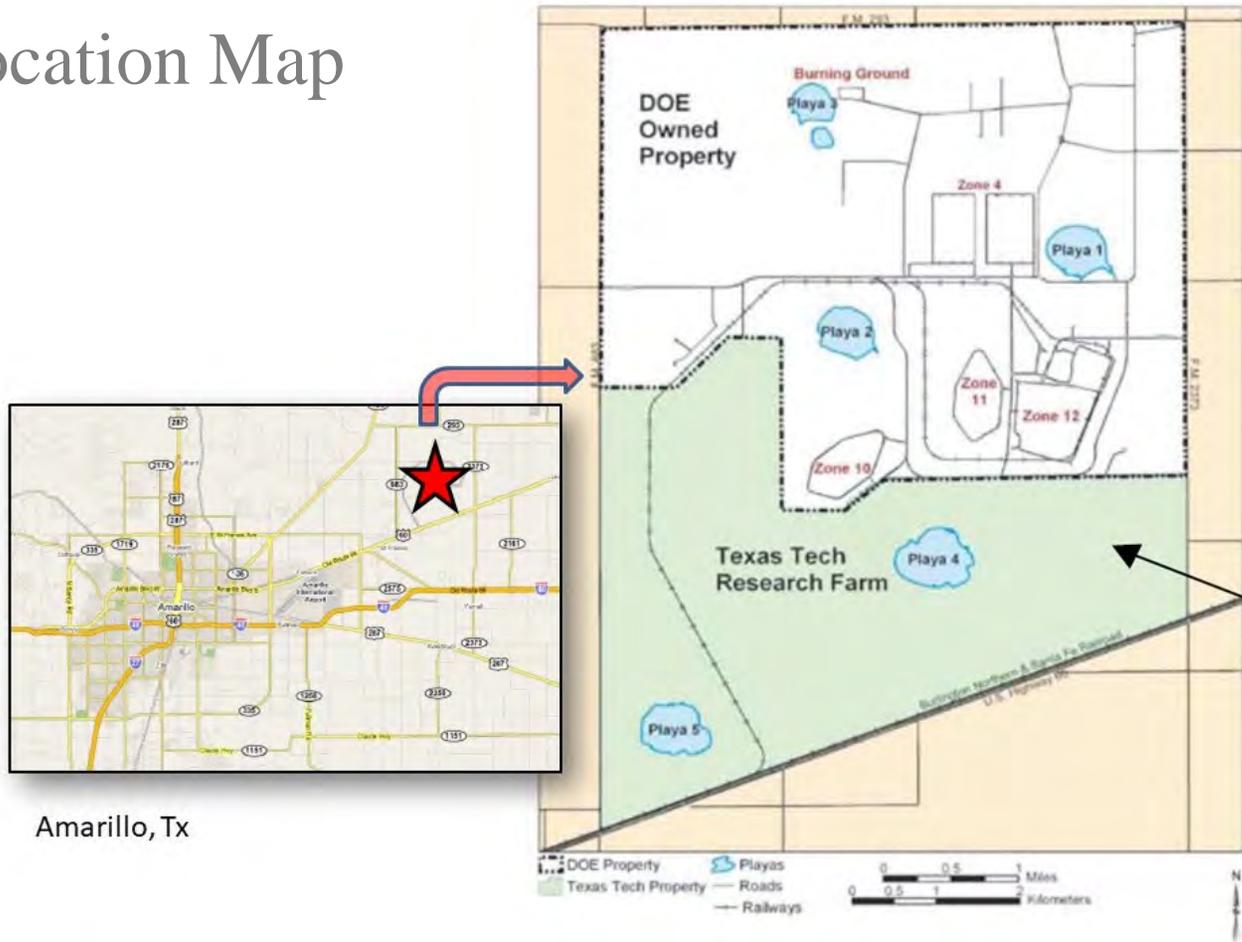
Item 3

Authorize execution of lease agreements with the US
Department of Energy.

Noel Sloan



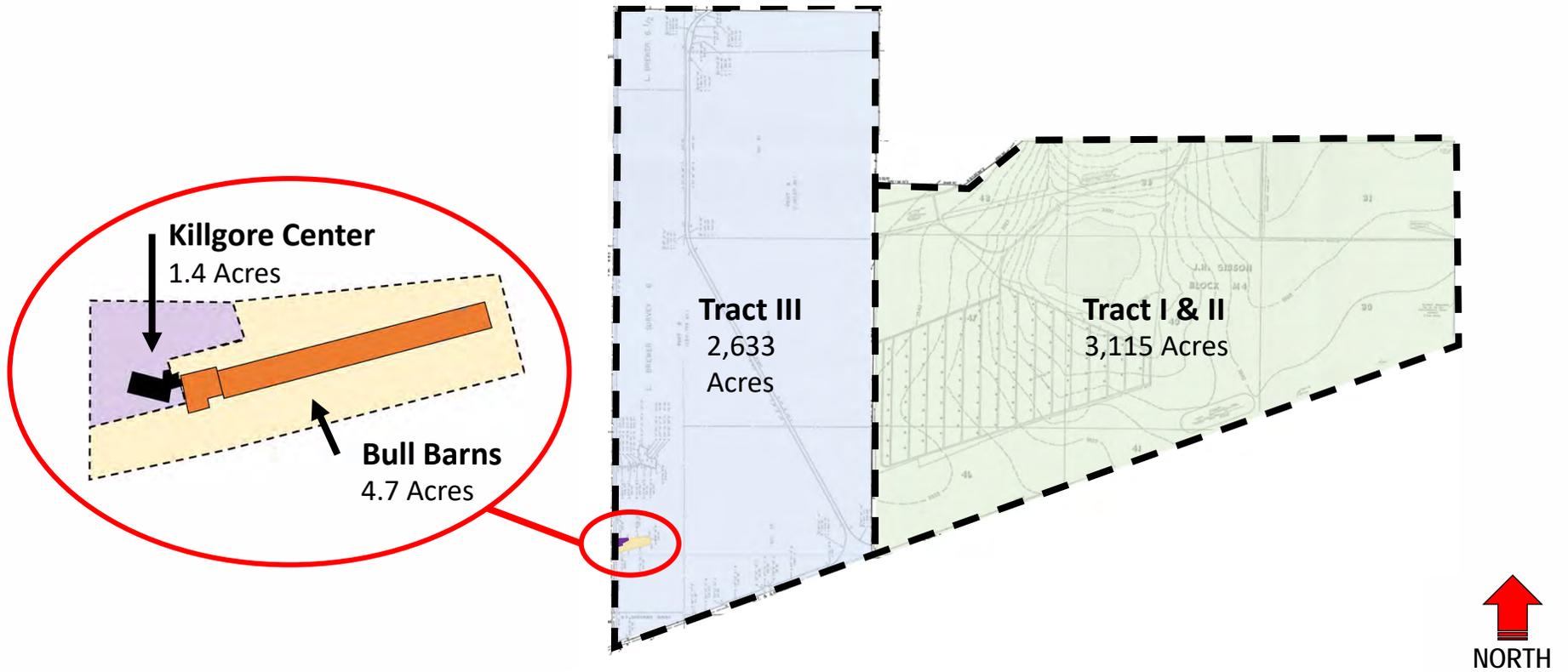
Location Map



Amarillo, Tx



Leased Tracts



Recommendation

- Approve the execution of lease agreements with the U.S. Department of Energy (“USDOE”). In each instance, the USDOE is a tenant on Texas Tech University real property or occupying the facilities located near the Pantex Plant in Carson County, Texas.



Texas Tech University System

Item 4

Report on Facilities Planning and Construction
projects (project data as of 7/14/2021)

Billy Breedlove



Market Outlook – August 2021

“Recovery is in progress more than a year after the onset of the COVID-19 pandemic and economic turmoil that followed. Overall growth, particularly in the housing market, is on the rise although high materials cost remain a concern. Lumber prices have reached new heights in the past several months, steel prices are rising, and labor shortages persist.”

– Engineering News Record (ENR), 2021 Q2 Cost Report



Executive Optimism

The first six months of 2021 have seen big materials cost hikes, increasing labor shortages and uncertainty over federal action on a major infrastructure package. Despite the headwinds, ENR’s Construction Industry Confidence Index has surged up 17 points to a rating of 68—the highest single jump between quarters since the index was started in 2009. The previous record was 16 points between Q4 of 2011 and Q1 of 2012.



The index measures executive sentiment about where the current market will be in the next three to six months and over a 12- to 18-month period. A rating above 50 shows a growing market. The measure is based on 207 responses from industry execs to surveys sent between May 14 and June 21 to U.S. companies on ENR lists of leading general contractors, subcontractors and design firms.

Source: ENR

American Institute of Architects (AIA)

Architecture Billings Index (ABI)

June 2021

800+ Firms Participated in the survey.

Billings

Design Contracts



Above 50



Below 50



50

Source: AIA.org

Backlog – Associated Builders and Contractors (ABC)

Construction Backlog Indicator

	June 2021	May 2021	June 2020	1-Month Net Change	12-Month Net Change
Total	8.5	8.0	8.1	0.5	0.4
<i>Industry</i>					
Commercial & Institutional	8.5	8.0	8.2	0.5	0.3
Heavy Industrial	4.6	6.5	5.2	-1.9	-0.6
Infrastructure	10.2	8.7	10.0	1.5	0.2
<i>Region</i>					
Middle States	8.0	7.5	6.7	0.5	1.3
Northeast	8.9	7.3	8.5	1.6	0.4
South	8.4	9.5	8.9	-1.1	-0.5
West	8.5	7.7	8.7	0.8	-0.2
<i>Company Size</i>					
<\$30 Million	8.0	7.6	7.8	0.4	0.2
\$30-\$50 Million	8.5	6.8	6.7	1.7	1.8
\$50-\$100 Million	9.4	9.5	8.9	-0.1	0.5
>\$100 Million	12.8	13.4	12.0	-0.6	0.8

©Associated Builders and Contractors. Construction Backlog Indicator

Structural Steel

- Raw steel wide flange beam materials have escalated from \$705/ton to \$1,260/ton in a one-year snapshot spanning from July 2020 until the current pricing of July 2021.
- Expect to see continued price escalation for the remainder of 2021 and possibly into 2022.

AVERAGE PUBLISHED PRICING

Each month, AISC averages published pricing from domestic wide-flange mills. The chart below is a good indication of mill pricing today, but is not reflective of lead times or section availability. This is not indicative of procurement costs and lead times via a steel service center warehouse.

Typical Mill Pricing W14x68 (\$/ton)



Average published pricing from domestic wide-flange mills

Source: American Institute of Steel Construction • [Get the data](#) • Created with [Datawrapper](#)

W14x68 pricing comes from Nucor Yamato Steel Company and Steel Dynamics, Inc.

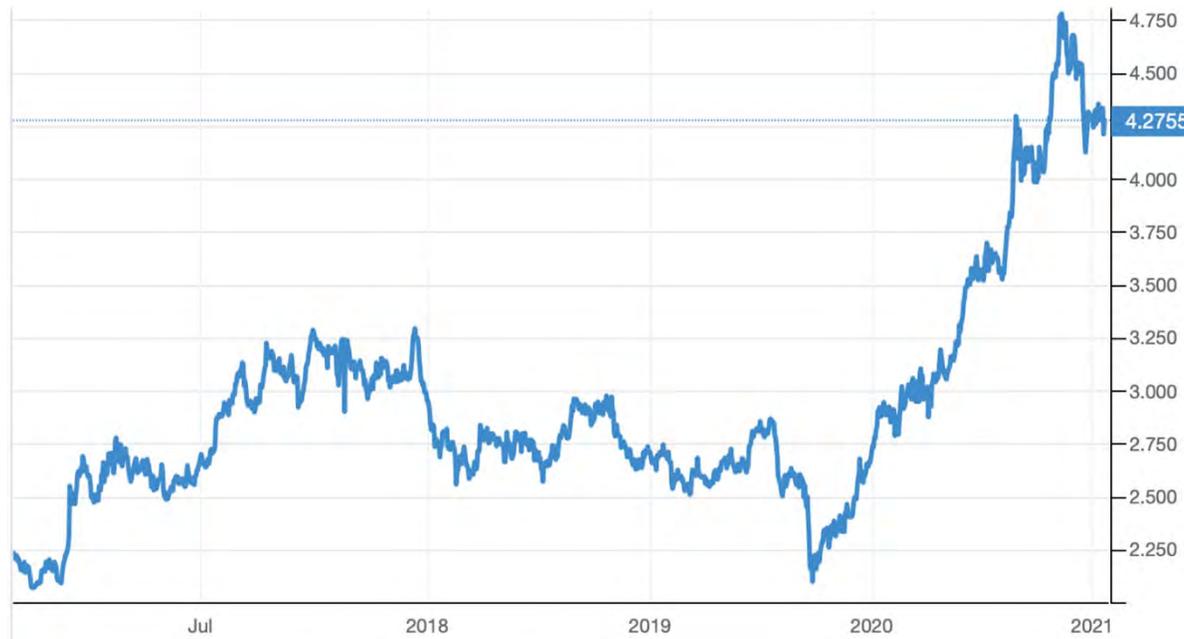
Structural Steel

- US steel capacity utilization shows domestic steel production at 82.5% of output capacity up from 68.1% one year ago at the height of our pandemic. There will be upward pressure on pricing until US production gets closer to 100% output or see a significant rise in imports to ease pressure on domestic production.
- Experiencing extraordinary inflation in steel joist and metal decking caused by increased demand. These extraordinary prices are up approximately 400% - 500% from one year ago.
- National “mega” or “big box” type projects are pressuring capacity at joist and decking companies.
- Experiencing extended lead times on most steel products, especially manufactured steel joist and metal decking.
- Projects awarding now with joist and decking have estimated deliveries in March and April of 2022. Historically, steel joist and decking lead times are 12 -14 weeks after award.
- Suggest owners make quick awards to avoid post bid escalation and improve deliverables. Suppliers are holding prices for only 15 days.
- Pending federal infrastructure legislation; if passed, it could prove to very impactful to supply, cost and delivery.
- Steel sheet coil used in making round/square hollow structural steel (HSS) has increased more dramatically in the same one-year snapshot by doubling in price.



Copper Futures

- On May 9th, copper pricing reached an all time high @\$10,512 per metric ton.
- Consensus update from leading sources (IMF, World Bank) for 2021 is an average of \$8,357 per metric ton which means forecasters do not reflect an expectation of further increases over the second half of the year.
- Copper is the most widely used metal in energy generation, transmission infrastructure, and energy storage. It is the next most used metal after aluminum and steel in the construction, telecommunications, transportation, and automobile manufacturing sectors.



NASDAQ Lumber Futures & Options



Lumber futures contract calls for the delivery of 111,000 board feet (one 73-foot rail car) of random length 8 to 12-foot 2 x 4s, the type used in construction. The contract is priced in terms of dollars per thousand board feet.

PVC

- The supply-demand realities for the industry remain significantly out-of-balance.
- The February 2021 winter storm has had an impact on stock items. PVC production plants are operating at lower volumes due to declaring force majeure from the winter storm along the Texas and Louisiana Gulf Coast.
- We do not expect any meaningful supply improvements until 2022.



Source: Various /
CRG / Bloomberg

Electrical Trades

- **Lighting** - LED light fixtures have had a 25-30% price increase since pre-covid. Pre-covid delivery times were 4-6 weeks on most common fixtures; current post-covid deliveries are 8-10 weeks. Pre-covid designer (specialty) fixtures were 10-12 weeks delivery time; current post-covid deliveries are 12-20 weeks or longer.
- **Gear** - Switchgear, panels, breakers etc. have had a 10-12% increase since pre-covid. Lead times on all gear were 6-10 weeks pre-covid with post-covid deliveries at 10-24 weeks or longer.
- **Generators** - Generators have had a 5-10% increase in pricing since pre-covid. Lead times have increased from 12-16 weeks delivery to 26-30+ weeks delivery. This is partly due to the impact of the winter storm on the Texas power grid; and companies are now buying backup power.
- **Data/Telcom** - Data/Telcom material has had an increase of 16-20% and lead times have increased from 2-6 weeks to 14-20 weeks.
- **Electrical material** - All electrical materials have had a large increase in prices and extended lead times. Steel, Copper and PVC are 90% of the materials they use for electrical components. Since March 2021 to Mid-June prices increased: Aluminum Wire 27%, Copper 24%, EMT 21%, PVC 23%, Rigid Material 22%.
- Electrical supply houses are holding copper prices for 1 day only.



Mechanical / Plumbing Trades

“The shortage of steel needed to support our production has resulted in increased lead times. At the present time, we are advising 7-week lead times on SRT (small rooftop units 3-12.5 Tons) and 11-week lead time on MRT (medium rooftop units 15-27.5 Tons).”

– Carrier

Trane Technologies Inc. Reports:

- Most severe time extensions and issues are in electronics and anything that includes resin in the manufacturing process (connectors, transformers, louvers, etc.).
 - Ancillary equipment (pumps, motors, VFDs, actuators, and valves) have long lead times.
 - Normal local stocked items are now 4 to 8-week delivery.
 - Specialty items with typical normal delivery of 8 weeks have been increased 16 to 18 weeks.
 - Issues with transportation, U.S. Port Congestion and empty container imbalance to continue through 2022.
-
- Cost of domestic carbon steel pipe has increased 75% YTD 2021.
 - Cost of stainless-steel pipe has increased 77% YTD 2021.



Furniture Fixtures & Equipment (FF&E)

- Supply chain disruptions with foam, yarn, steel, and appliances.
- Price increases have been implemented by a variety of furniture manufacturers (in addition to annual planned increases).
 - Price increases on 6/18/21:
 - Plastic Resin: 31%
 - Metal Fabrication/Components: 25%
 - Raw Steel: 15%
 - Freight: 13%
 - Particleboard: 10%
 - Aluminum Components: 9%
- Price of stainless-steel has risen by 80% since February.
 - Lab Equipment
 - Medical Equipment
 - Appliances

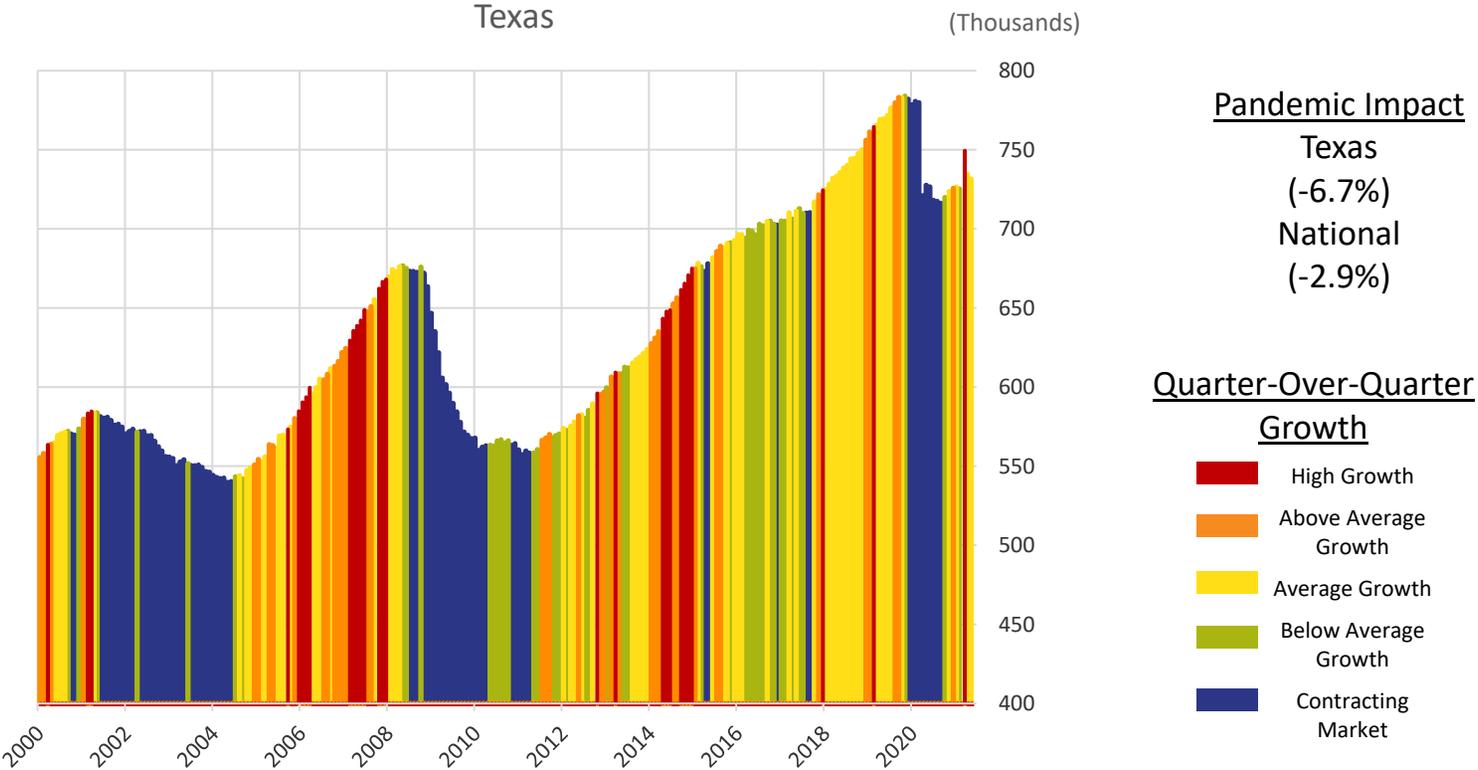


Labor Info

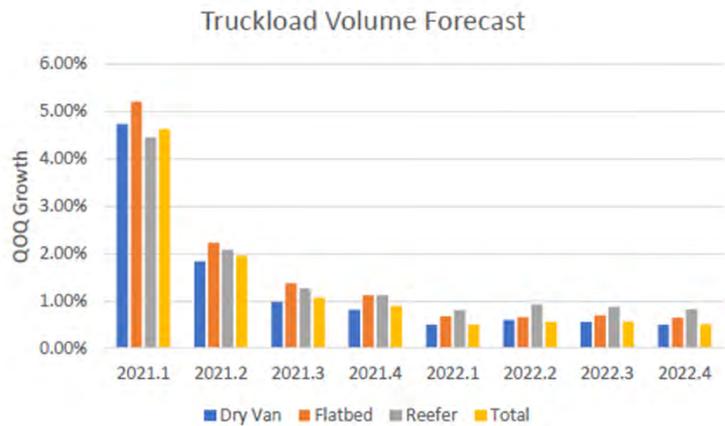
- July 2021 US Jobs Report from the US Bureau of Labor Statistics (BLS) total nonfarm employment rose by 850,000 in June. The national unemployment rate was 5.9%. The construction industry posted a decline of 7,000 jobs.
- A major mechanical and plumbing firm in the state of Texas averaged 3-million/man hours per year in the last 5-7 years. In 2021, they will perform over 4-million/man hours with a 39% increase in personnel. These are skilled trades that require licenses and certifications.
- Significant projects for skilled trades are projects that require OT, shift % premiums, double-time with 6 and 7 work-day schedules. These projects are paying a stipend of \$2,000 - \$3,000 per month for skilled trades to commit to working on their projects for a period of time. Projects include Tesla, Samsung, Texas Instruments, Microsoft, Amazon, mega data centers and pharmaceutical.
- The National Association of Manufacturers (NAM) said “workers are the only thing keeping the U.S. from dramatically growing its manufacturing output. According to the group’s estimate the industry will need to fill 4 million jobs by 2030.”



State Construction Labor



Truck Transportation



- The first half of 2021 will go down as the strongest growing truck freight market since the recovery from the 1982 recession a time when trucking was still taking major share from rail.
- This growth tells us all we need to know about the current driver shortages. No recruiting effort can keep pace with it.
- Given such growth and the easy comps from 2020, 2021 should grow at 10% or more for the full year, making it easily the strongest freight year since 2000, and probably the strongest truck year ever.
- In addition, keep strongly in mind that such surges do not last. Despite the eye-popping full-year number the second half of the year will be growing much more slowly even as the market remains at a high level.
- Such slower growth and the flatter pricing that goes with it will surprise many people conditioned by the spectacular results since the beginning of the third quarter last summer.

	QOQ Volume Growth											
	2020.1	2020.2	2020.3	2020.4	2021.1	2021.2	2021.3	2021.4	2022.1	2022.2	2022.3	2022.4
Spot	-2.0%	-14.1%	18.7%	1.6%	9.3%	3.6%	1.9%	1.5%	0.8%	0.9%	0.9%	0.8%
Contract	-0.9%	-6.4%	7.9%	1.0%	4.0%	1.7%	0.9%	0.8%	0.4%	0.5%	0.5%	0.4%

Source: Transport Futures

Trucking Transportation

- Freight demands exceed the availability of drivers.
- Currently, we are 60,000 drivers short of our needs across the country. We expect that number to rise to 100,000 by 2030.
- Greater delays are largely placed on Less Than Truckload (LTL) markets.
- Average spot market invoice in the last 5 years was \$1,212, July 14th \$1,687.
- Backlog of ships and inbound containers is growing. In the Ports of LA and Long Beach is where half of all containerized freight is coming from, Houston is 3rd currently in volume.

John D. Esparza
President & CEO
Texas Trucking Association



TRUCKING 
Moves America Forward



Escalation Forecast Recommendations & Strategies

- Generally, escalation in 2020 was flat. Contractor 2020 margins offset cost increases in materials, labor and construction efficiency.
- Plan for 4-6% annual escalation to procurement for 2021 and 2022.
- Design add/deduct alternates for pricing flexibility.
- Continue design and get “shovel ready” on projects.
- Bidding contingency of 4-6% for near term projects due to market volatility.

Other Factors

- Federal Infrastructure Bill?
- The American Rescue Plan Act of 2021?
- COVID-19 Variants?

TTU – School of Veterinary Medicine

Item 4

Current Budget: \$ 105,000,000

Gross Square Feet: 191,626 GSF HQ
49,937 GSF Mariposa

Team / Status:

- Design Professional:
Kirksey Architecture @ 84%
- Construction Manager At Risk (CMAR):
Western Builders of Amarillo @ 79%
- Construction Manager Agent (CMA):
Project Control @ 70%
- Artist:
Waived

Substantial Completion Date:

Original Date – October 2021

Actual Date – TBD



TTU – School of Veterinary Medicine - Headquarters

Item 4



TTU – School of Veterinary Medicine – Mariposa Station

Item 4



TTU – School of Veterinary Medicine - Combined

Construction Delivery: CMAR

	Total Project 1/2020 185,200 GSF HQ 2/2020 24,800 GSF Mariposa B	SVM Main Campus		Mariposa Station		Notes	Total Project
		Previous Budget 7/14/2021 185,200 GSF C	Changes +/- Change	Previous Budget 7/14/2021 24,800 GSF D-C	Changes +/- Change		Current Budget (No Change) D
BUDGET	\$ 105,000,000	\$ 90,000,000		\$ 15,000,000			\$ 105,000,000
CATEGORY							
Construction	\$ 87,729,020	\$ 74,746,340	\$ -	\$ 16,794,372	\$ -		\$ 91,540,712
Professional Services	\$ 6,513,810	\$ 5,420,267	\$ -	\$ 1,093,543	\$ -		\$ 6,513,810
FF&E	\$ 6,923,175	\$ 3,982,483	\$ (192,963)	\$ 129,000	\$ 192,963	Funding transfer to cover Furniture, AEDs, and Computers for Mariposa.	\$ 4,111,483
Administrative	\$ 181,512	\$ 157,181	\$ -	\$ 24,331	\$ -		\$ 181,512
Project Contingency	\$ 1,523,108	\$ 511,218	\$ -	\$ 11,890	\$ -		\$ 523,108
<i>Regents' Rules</i>	\$ 2,129,375	\$ 2,129,375	\$ -	\$ -	\$ -		\$ 2,129,375
TOTAL	\$ 105,000,000	\$ 86,946,864	\$ (192,963)	\$ 18,053,136	\$ 192,963		\$ 105,000,000

PARTNERS

General Contractor	Western Builders of Amarillo
Design Professional	Kirksey Architecture
CM Agent (PM Assist)	Project Control
Tier 2 Auditor	CBIZ



TTUHSC – Dallas Southwest Professional Building Renovation

Item 4

Current Budget: \$ 15,500,000

Gross Square Feet: 63,000 Building
17,700 Renovation

Team / Status:

- Design Professional:
Parkhill Smith and Cooper @ 83%
- Construction Manager At Risk (CMAR):
Hill & Wilkinson @ 23%
- Construction Manager Agent (CMA):
Waived
- Artist:
Waived

Substantial Completion Date:

Original Date – May 2022

Actual Date – TBD



TTUHSC – Dallas Southwest Professional Building Renovation

Item 4



TTUHSC – Dallas Southwest Professional Building Renovation

Construction Delivery: CMAR

BUDGET	BOR Appr (Full)	Previous Budget	Current Budget	+ / (-) Change D-C	NOTES
	10/2020 17,700 GSF B	4/2021 17,700 GSF C	7/14/2021 17,700 GSF D		
	\$ 15,500,000	\$ 15,500,000	\$ 15,500,000	\$ -	
CATEGORY					
Construction	\$ 12,038,500	\$ 12,038,500	\$ 12,038,500	\$ -	
Professional Services	\$ 1,322,000	\$ 1,322,000	\$ 1,322,000	\$ -	
FF&E	\$ 1,361,800	\$ 1,361,800	\$ 1,361,800	\$ -	
Administrative	\$ 59,652	\$ 59,652	\$ 69,652	\$ 10,000	To fund HSC Ops WO to relocate generator annunciator panel to mechanical room.
Project Contingency	\$ 354,767	\$ 354,767	\$ 344,767	\$ (10,000)	
<i>Regents' Rules</i>	\$ 363,281	\$ 363,281	\$ 363,281	\$ -	
TOTAL	\$ 15,500,000	\$ 15,500,000	\$ 15,500,000	\$ -	

PARTNERS

General Contractor Hill & Wilkinson
 Design Professional Parkhill Smith and Cooper
 CM Agent Waived
 Tier 2 Auditor Townsend



ASU – Angelo State University Mayer Museum

Current Budget: \$ 17,850,000

Gross Square Feet: 32,005 GSF

Team / Status:

- Design Professional (DP):
Kinney Franke Architects @ 98%
- Construction Manager At Risk (CMAR):
Western Builders of Amarillo @ 90%
- Construction Manager Agent (CMA):
Waived
- Artist:
Waived

Substantial Completion Date:

Original Date – January 2021

Actual Date – January 29, 2021

Ribbon Cutting – May 21, 2021



TTUHSC El Paso – Dental Oral Health Clinic

Item 4

Current Budget: \$ 25,000,000

Gross Square Feet: 39,771 GSF

Team / Status:

- Design Professional:
Brown Reynolds Watford Architects
@ 93%
- Construction Manager At Risk (CMAR):
Hensel Phelps @ 79%
- On Site Project Management /
Construction Observation
by TTUHSC-EP
- Artist:
Waived

Substantial Completion Date:

Original Date – April 2021

Actual Date – April 29, 2021

Ribbon Cutting – June 22, 2021



TTU – The Dustin R. Womble Basketball Center

Item 4

Current Budget: \$ 32,187,619

Gross Square Feet: 58,630 GSF

Team / Status:

- Design Professional:
Populous, Inc. @ 98%
- Construction Manager At Risk (CMAR):
Lee Lewis Construction, Inc. @ 96%
- Construction Manager Agent (CMA):
Waived
- Artist:
Stephen Johnson / April 2022 Installation

Substantial Completion Date:

Original Date – June 30, 2020

Actual Date – February 26, 2021

Ribbon Cutting – May 13, 2021



TTU – Ed Whitacre Center for Athletic Administration

Item 4

Current Budget: \$ 9,403,407

Gross Square Feet: 25,000 GSF

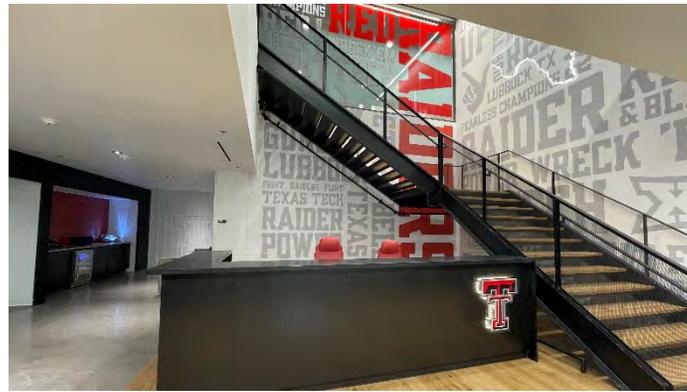
Team / Status:

- Design Professional:
Gensler @ 88%
- Construction Manager At Risk (CMAR):
Lee Lewis Construction, Inc. @ 91%
- Construction Manager Agent (CMA):
N/A
- Artist:
Waived

Substantial Completion Date:

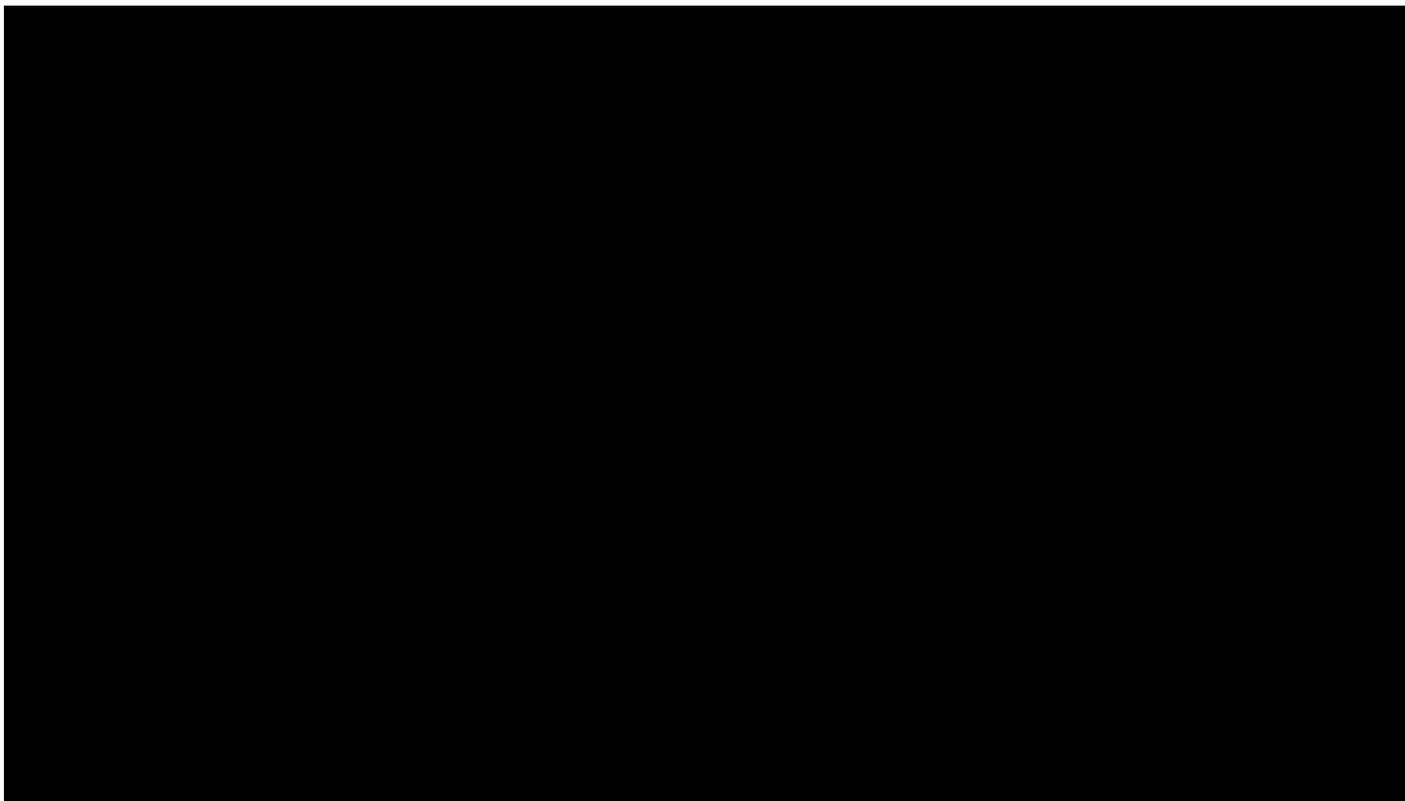
Original Date – December 2020

Actual Date – March 22, 2021



TTU – Ed Whitacre Center for Athletic Administration

Item 4



TTU – USDA Cotton Classing Laboratory

Item 4

Const. Contract Amount: \$ 14,466,000

Gross Square Feet: 30,730 GSF

Team:

- Design Professional:
Fanning, Fanning and Associates
- Construction Manager At Risk (CMAR):
Lee Lewis Construction, Inc.
- On Site Project Management /
Construction Observation
by TTUS-FP&C
- Artist:
N/A

USDA Contractual Final Completion:

Original Date – July 11, 2021

Actual Date – TBD By USDA



TTU – J.T. & Margaret Talkington College of Visual and Performing Arts Theatre & Dance Complex Phase II

Current Budget: \$ 20,000,000

Gross Square Feet: 11,328 GSF New
24,200 GSF Ren

Team / Status:

- Design Professional:
Holzman Moss Bottino Architecture Inc.
@ 78%
- Construction Manager At Risk (CMAR):
Lee Lewis Construction, Inc. @ 5%
- Construction Manager Agent (CMA):
N/A
- Artist:
Waived

Substantial Completion Date:

Original Date – October 2022

Actual Date – TBD



TTU – J.T. & Margaret Talkington College of Visual and Performing Arts Theatre & Dance Complex Phase II

Construction Delivery: CMAR

	BOR Appr (Full)	Previous Budget	Current Budget	+ / (-) Change D-C	NOTES
	10/2020 11,328 GSF New 24,200 GSF Reno B	4/2021 11,328 GSF New 24,200 GSF Reno C	7/14/2021 11,328 GSF New 24,200 GSF Reno D		
BUDGET	\$ 20,000,000	\$ 20,000,000	\$ 20,000,000	\$ -	
CATEGORY					
Construction	\$ 15,711,254	\$ 15,711,254	\$ 15,711,254	\$ -	
Professional Services	\$ 2,152,415	\$ 2,152,415	\$ 2,152,415	\$ -	
FF&E	\$ 997,750	\$ 997,750	\$ 997,750	\$ -	
Administrative	\$ 135,158	\$ 135,158	\$ 135,158	\$ -	
Project Contingency	\$ 521,958	\$ 521,958	\$ 521,958	\$ -	
<i>Regents' Rules</i>	\$ 481,465	\$ 481,465	\$ 481,465	\$ -	
TOTAL	\$ 20,000,000	\$ 20,000,000	\$ 20,000,000	\$ -	

PARTNERS

General Contractor Lee Lewis Construction Inc.
 Design Professional Holzman Moss Bottino Architecture, LLP
 CM Agent N/A
 Tier 2 Auditor Townsend



TTU – Dr. Robert Neff and Louise Willson Arnold Wing

Current Budget: \$ 12,000,000

Gross Square Feet: 18,700 GSF

Team / Status:

- Design Professional:
MWM Architects, Inc. @ 60%
- Construction Manager At Risk (CMAR):
Western Builders of Amarillo @ 0%
- Construction Manager Agent (CMA):
N/A
- Artist:
Waived

Substantial Completion Date:

Original Date – August 2022

Actual Date – TBD



TTU – Dr. Robert Neff and Louise Willson Arnold Wing

Construction Delivery: CMAR

	BOR Appr (Full) 05/2021 18,700 GSF B	Previous Budget 5/2021 18,700 GSF C	Current Budget 7/14/2021 18,700 GSF D	+ / (-) Change D-C	NOTES
BUDGET	\$ 12,000,000	\$ 12,000,000	\$ 12,000,000	\$ -	
CATEGORY					
Construction	\$ 9,621,500	\$ 9,621,500	\$ 9,621,500	\$ -	
Professional Services	\$ 1,191,120	\$ 1,191,120	\$ 1,191,120	\$ -	
FF&E	\$ 574,240	\$ 574,240	\$ 574,240	\$ -	
Administrative	\$ 60,600	\$ 60,600	\$ 60,600	\$ -	
Project Contingency	\$ 271,290	\$ 271,290	\$ 271,290	\$ -	
<i>Regents' Rules</i>	\$ 281,250	\$ 281,250	\$ 281,250	\$ -	
TOTAL	\$ 12,000,000	\$ 12,000,000	\$ 12,000,000	\$ -	

PARTNERS

General Contractor Western Builders of Amarillo
 Design Professional MWM Architects, Inc.
 CM Agent N/A
 Tier 2 Auditor Waived



TTUHSC – School of Health Professions Physician Assistant Building on Midland College Campus

Current Budget: \$ 30,000,000

Gross Square Feet: 24,809 GSF

Team / Status:

- Design Professional:
Parkhill @ 81%
- Construction Manager At Risk (CMAR):
Adolfson & Peterson Construction @ 18%
- Construction Manager Agent (CMA):
Project Control @ 32%
- Artist:
Waived

Substantial Completion Date:

Original Date – March 2022

Actual Date – TBD



TTUHSC – School of Health Professions Physician Assistant Building on Midland College Campus

Construction Delivery: CMAR

	BOR Appr (Full) 12/2020 34,505 GSF B	Previous Budget 4/2021 34,505 GSF C	Current Budget 7/14/2021 34,505 GSF D	+ / (-) Change D-C	NOTES
BUDGET	\$ 30,000,000	\$ 30,000,000	\$ 30,000,000	\$ -	Budget change to fund CMAR's Amendment #2 (Alternates and Base Bid Modifications):
CATEGORY					
Construction	\$ 17,821,059	\$ 17,821,059	\$ 19,747,117	\$ 1,926,058	• Increase Generator Size
Professional Services	\$ 3,756,001	\$ 3,756,001	\$ 3,474,500	\$ (281,501)	• Revised Transformer Location
FF&E	\$ 5,863,244	\$ 5,863,244	\$ 5,109,148	\$ (754,096)	• Chiller Upgrades for efficiency
Administrative	\$ 458,245	\$ 458,245	\$ 446,175	\$ (12,070)	• Alternates: - Re-roofing
Project Contingency	\$ 1,398,326	\$ 1,398,326	\$ 519,935	\$ (878,391)	- Landscape, Irrigation and Exterior Fitness Equipment
Regents' Rules	\$ 703,125	\$ 703,125	\$ 703,125	\$ -	- Renovation Replacement of Ceilings and Light Fixtures
TOTAL	\$ 30,000,000	\$ 30,000,000	\$ 30,000,000	\$ -	

PARTNERS

General Contractor Adolfsen & Peterson Construction
 Design Professional Parkhill
 CM Agent Project Control
 Tier 2 Auditor Townsend



Texas Tech University System

Item 4

Projects – In Design



TTU – Academic Science Building

Status: Stage II Design / Pre-Con

Current Budget: \$ 8,130,683

Projected Budget: \$100,000,000

Gross Square Feet: 125,000 GSF

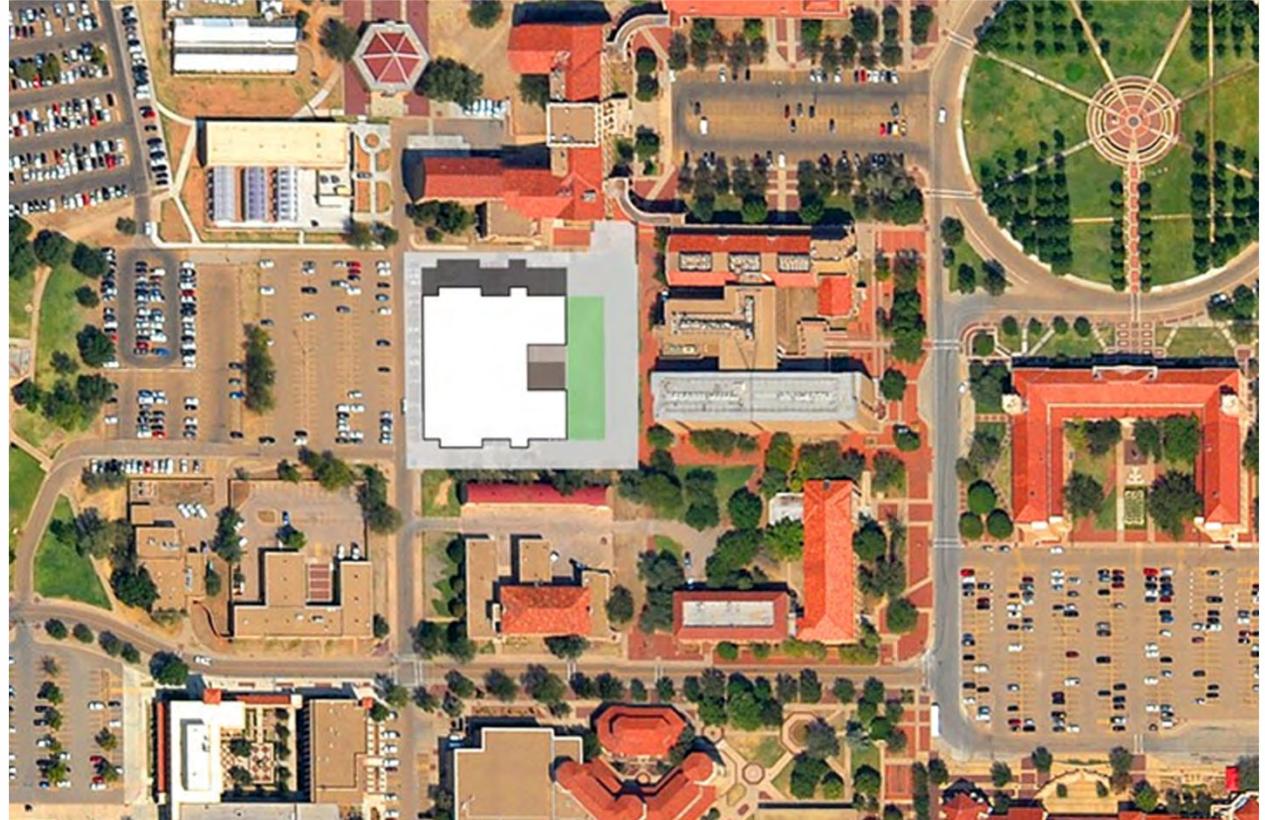
Team / Status:

- Design Professional:
Barnes Gromatzky Kosarek
Architects/EYP
- Construction Manager At Risk (CMAR):
Western Builders of Amarillo
- Construction Manager Agent (CMA):
N/A
- Artist:
TBD

Substantial Completion Date:

Original Date – TBD

Actual Date – TBD



TTU – Rip Griffin Park Expansion & Renovation

Item 4

Status: Stage II Design / Pre-Con

Current Budget: \$ 1,104,660

Projected Budget: \$12,500,000

Approx. Gross Square Feet: 10,800 GSF Reno
11,480 GSF Addition

Team / Status:

- Design Professional:
Populous, Inc.
- Construction Manager At Risk (CMAR):
Teinert Construction
- Construction Manager Agent (CMA):
N/A
- Artist:
TBD

Substantial Completion Date:

Original Date – TBD

Actual Date – TBD



TTU – Football Training Facility

Item 4

Status: Stage II Design / Pre-Con

Current Budget: \$ 1,757,437

Projected Budget: TBD

Gross Square Feet: 85,000 - 90,000 GSF

Team / Status:

- Design Professional:
Gensler
- Construction Manager At Risk (CMAR):
Lee Lewis Construction, Inc.
- Construction Manager Agent (CMA):
N/A
- Artist:
TBD

Substantial Completion Date:

Original Date – TBD

Actual Date – TBD



TTU – NRHC Ranch Life Learning Center

Item 4

Status: Stage II Design / Pre-Con

Current Budget: \$ 712,562

Projected Budget: TBD

Gross Square Feet: 38,005 GSF

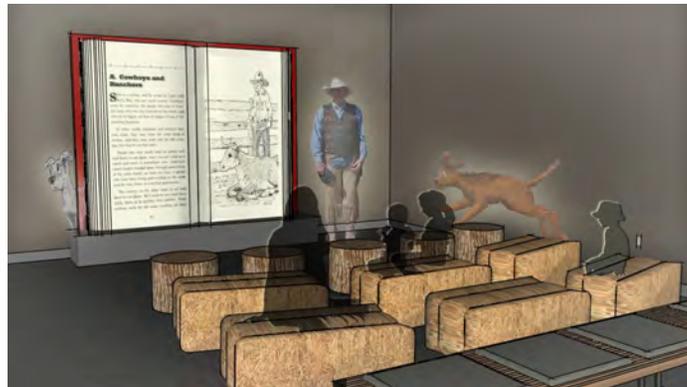
Team / Status:

- Design Professional:
Condray Design Group
- Construction Manager At Risk (CMAR):
Teinert Construction, Inc.
- Construction Manager Agent (CMA):
N/A
- Artist:
TBD

Substantial Completion Date:

Original Date – TBD

Actual Date – TBD



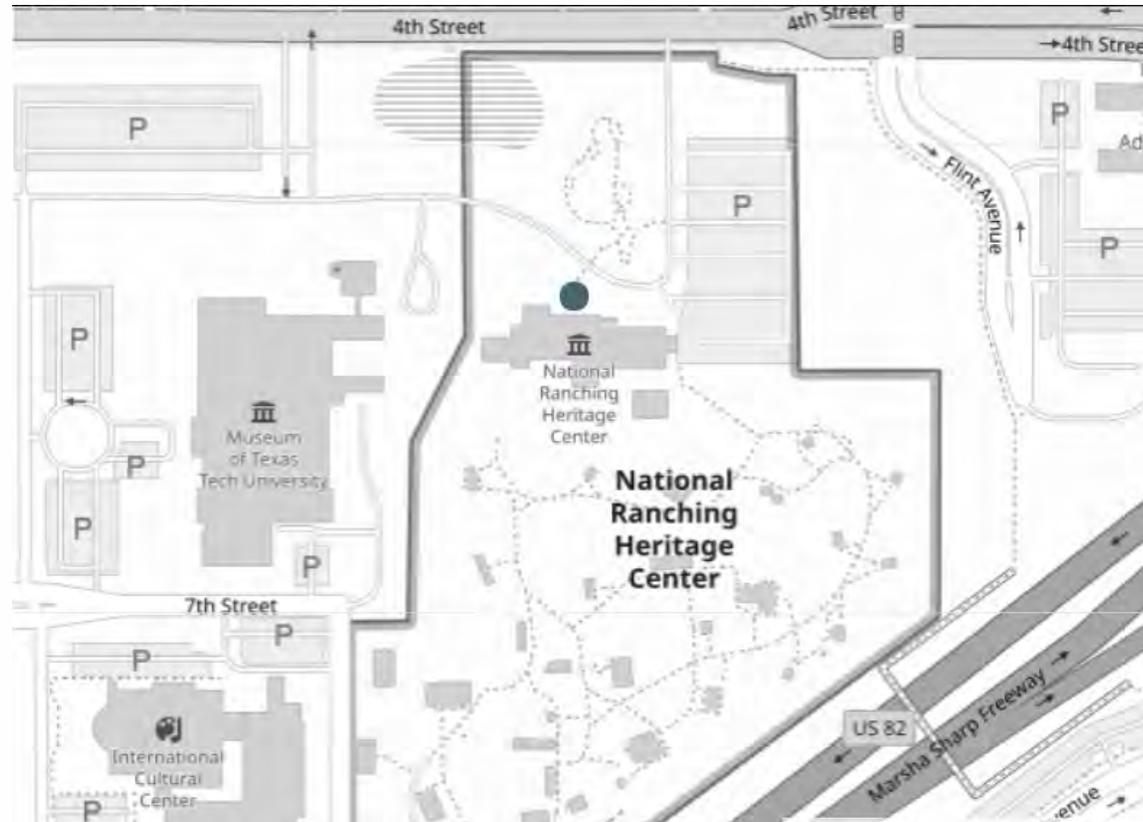
TTU – NRHC Master Plan

Status: Stage I Design

Current Budget: \$ 50,000

Team / Status:

- NRHC & FP&C



Texas Tech University System

Item 4

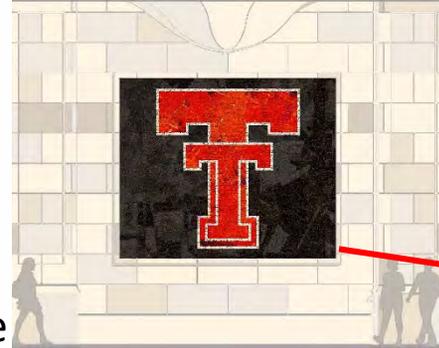
Status of Public Art



TTU – The Dustin R. Womble Basketball Center

Art Budget: \$ 281,000
Artist: Stephen Johnson
Lawrence, KS
Title: *Awaiting Artist Announcement*
Status: April 2022 Installation

South side



North side

